

POLARIS™ HIGH EFFICIENCY COMMERCIAL-GRADE RESIDENTIAL

The Polaris high efficiency gas water heater is the high performance answer for today's hot water needs. It can provide endless hot water* and can be used for a combination of domestic hot water and space heating.

CONDENSING DESIGN

- Operates at up to 96% thermal efficiency which saves money on operating costs compared to a standard 80% efficient gas water heater.
- Helical internal heat exchanger keeps hot combustion gases in the tank longer to extract more heat into the water.

STAINLESS STEEL CONSTRUCTION

- Tank and helical heat exchanger are constructed from 444 stainless steel for excellent corrosion resistance without the need for an anode.

WHISPER QUIET OPERATION

- Ultra quiet blower and burner to minimize noise.

POWER DIRECT VENT DESIGN

- Direct vent using PVC, CPVC or Polypropylene (solid core only) through a sidewall or roof.
- Optional concentric vent kit.
- 2" pipe vents up to 52 equivalent feet (100-150k BTU/hr inputs)
- 3" pipe vents up to 130 equivalent feet

ADVANCED ELECTRONIC CONTROL

- Large touchscreen display
- Precise temperature control
- Advanced water heater status and diagnostics

FULLY SERVICEABLE FROM THE FRONT

- Two front access panels expose all serviceable components. Modular components are all easily removed.

ULTRA-LOW NOX MODULATING GAS BURNER

- Enhanced Ultra-low NOx burner complies with SCAQMD Rule 1146.2 and other Air Quality Management Districts with similar requirements for NOx emissions of less than 14 ng/j.
- Modulating burner maintains high efficiency operation at lower input rates.

SIDE-MOUNTED HOT AND COLD RECIRCULATING TAPS

- Polaris can be easily installed with a recirculation system or as part of a combined domestic & space heating system.

AVAILABLE IN NATURAL GAS OR PROPANE

CSA CERTIFIED AND ASME RATED T&P RELIEF VALVE

STANDARDS AND CERTIFICATIONS

- Design-certified by CSA International according to ANSI Z21.10.3 – CSA 4.3 Standards.
- Meets UBC, CEC, and ICC National Codes.
- Meets the thermal efficiency and standby loss requirements of the U. S. Department of Energy and current edition of ASHRAE/IES 90.1.

10-YEAR LIMITED TANK AND 1-YEAR PARTS WARRANTY

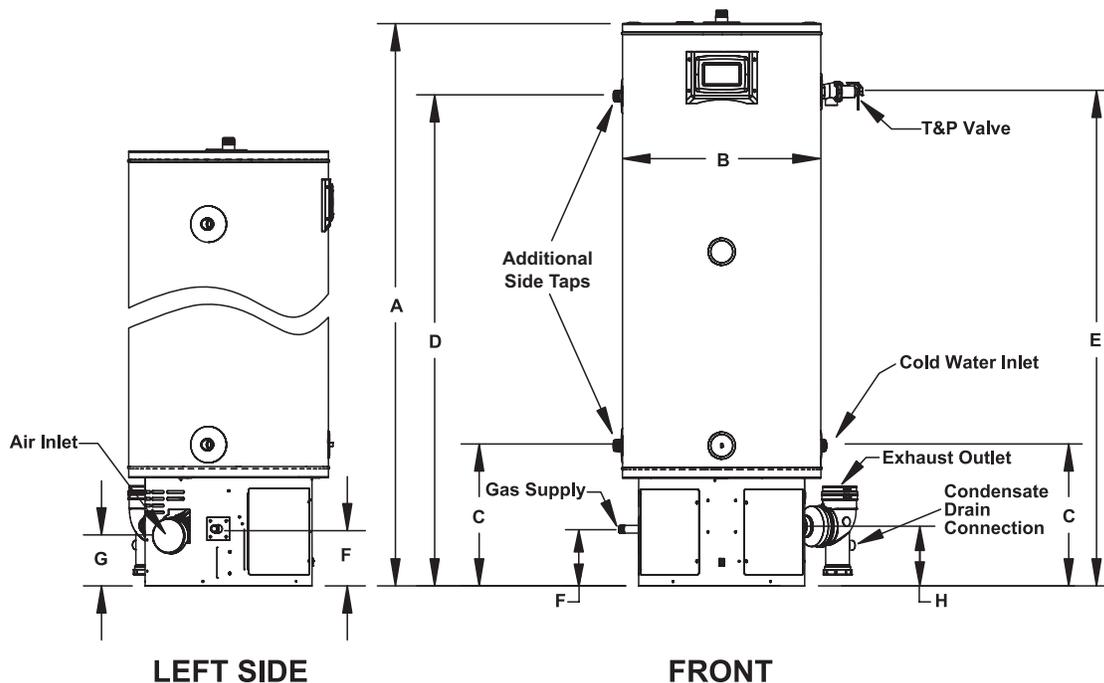
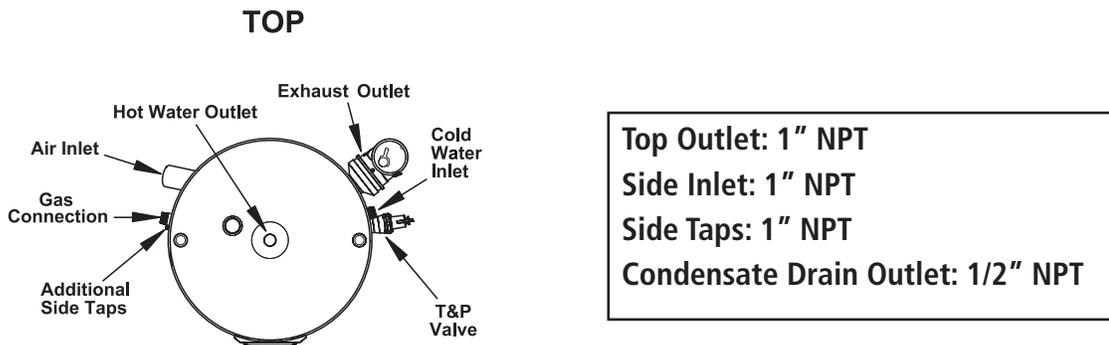
- For complete information, consult written warranty or go to hotwater.com.

*When sized appropriately. Model GTP 199 can deliver 6.95 GPM continuous flow, based on 65°F inlet water temperature, 120°F outlet temperature.



Model Number	Nominal Capacity	Rated Storage Volume	First Hour Rating (Gallons)	UEF	Thermal Efficiency	Recovery @ 90° Rise Gallon Per Hour	BTU Input Per Hour	Dimensions in Inches		Vent Connection	1" Water Connections		T&P	Gas Supply*	Approx. Shipping Weight (lbs)
								A	B		C	D			
GSP 100	34	33	179	0.90	96%	129	100,000	48-1/2	22	2 or 3	15-3/4	40-1/2	41	6-3/8	150
GSP 130	34	N/A	N/A	N/A	96%	165	130,000	48-1/2	22	2 or 3	15-3/4	40-1/2	41	6-3/8	150
GSP 150	34	N/A	N/A	N/A	94%	190	150,000	48-1/2	22	2 or 3	15-3/4	40-1/2	41	6-3/8	150
GTP 130	50	N/A	N/A	N/A	95%	165	130,000	62-3/8	22	2 or 3	15-3/4	54-1/2	55	6-3/8	176
GTP 150	50	N/A	N/A	N/A	95%	190	150,000	63-3/4	22	2 or 3	15-3/4	55-3/4	56-1/4	6-3/8	180
GTP 175	50	N/A	N/A	N/A	96%	222	175,000	63-3/4	22	3	15-3/4	55-3/4	56-1/4	6-3/8	180
GTP 199	50	N/A	N/A	N/A	96%	253	199,000	63-3/4	22	3	15-3/4	55-3/4	56-1/4	6-3/8	180

Available in Propane (LP) gas. Specify when ordering Propane (LP) gas.
Models certified for sea level to 7,700 ft. elevation.



For Technical Information, call 800-527-1953. A. O. Smith Corporation reserves the right to make product changes or improvements without prior notice.